IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

BULL et al

Serial No. 09/937,697

Filed: October 1, 2001

For: ADAPTIVE FILTER EQUALISATION TECHNIQUES

JAN 2 8 2002

Atty. Ref.: 2490-15

Group:

Examiner:

RECEIVED

JAN 3 1 2002

Technology Center 2600

January 28, 2002

Assistant Commissioner for Patents Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Attached is a completed Form PTO-1449 listing references in connection with this application. Also enclosed is a copy of each of those references, along with the United Kingdom and International Patent Office search reports.

The Examiner is requested to initial the attached PTO-1449, and to return a copy of the initialed document to the undersigned as an indication that the listed references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

Leonard C. Mitchard Reg. No. 29,009

LCM: lks

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714 Telephone: (703) 816-4000

Facsimile: (703) 816-4100

| INFORMATION DISCLOSURE CITATION | | ATTY. DOCKET NO. | | S | SERIAL NO. | | | |
|-----------------------------------|-----------------|--------------------------|-------------------|----------------------|-------------|-------------|--------------|--------------|
| | | 2490-15 | | | 09/937,697 | | | |
| | | APPLIC | ANT | | | | | |
| (Use several sheets if necessary) | | BULL et al GROU | | | ROUP | | | |
| | | | | | HOUP | | | |
| | | | per 1, 2001 | OURTENTO | | | | |
| *EXAMINER | | | .S. PATENT DO | CUMENIS | | | FILING | DATE |
| INITIAL | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | | |
| OIP A | 5,732,112 | 3/1998 | <u>.</u> | angberg | | | | |
| — | | | | | | | | |
| 14W 5 B 5033 | | | | | | | | |
| 2 | | | | | | | | |
| /RADEN | | | | | | | | |
| THAUEN | | | | | | | | |
| POIP | \ | | | | REC | CEIVEL | | |
| 0 0 000 | | | | | | | <i>y</i> | |
| JAN 2 8 2017 | 2) | | | | JAN | 3-1 2002 | | |
| b . & | 7 | | | | Tèchnolog | y Center 28 | | |
| TRADEMARY OF | | | | | | A COURT SE | 00 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | <u> </u> | | | | | |
| | | | ••• | - | | | | |
| | | | | | | | | |
| | | FO | REIGN PATEN | T DOCUMENTS | | | | |
| | DOCUMENT | | (| COUNTRY | CLASS | SUBCLASS | TRANS YES | LATION NO |
| | 2 320 866 A | 1/1998 | | ed Kingdom | T OLAGO | OODOLAGG | 120 | T |
| | 0 567 211 A2 | 10/1993 | <u> </u> | EP | | | | |
| | 96/13109 | 5/1996 | | WO | | | | |
| | 88/05954 | 8/1988 | | WO | | | | |
| | 91/17607 | 11/1991 | | WO | | | | |
| | 0 880 253 A2 | 11/1998 | | EP | | | | _ |
| | | | | | | | | |
| | OTHER DOC | JMENTS (| ncluding Autho | or Title Date Pertin | nent pages. | etc.) | | <u> </u> |
| | OTHER DOCK | Multipath A | ctivity Using Lov | v," IEEE, pp. 1593- | 1597 (1998) | (XP-00214 | 1419. | |
| | | | | | | | | |
| | | | | | | | | |
| | | · - · · - · · | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| *Evaminar | | | | Data Canaidarad | T- | | | |
| *Examiner | | | | Date Considered | <u></u> | | | |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

 $\int_{\mathbb{R}}$